

ДЗ по теме Git

для Ubuntu устанавливаю git <https://git-scm.com/downloads/linux>

sudo apt install git

```
atom@Atom-Pulse:~$ sudo apt install git
[sudo] password for atom:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.43.0-1ubuntu7.3).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 59 not upgraded.
```

настраиваю

```
atom@Atom-Pulse:~$ git config --global user.name "Бирюков"
atom@Atom-Pulse:~$ git config --global user.email "theirbox@mail.ru"
```


регистрируюсь на гитхабе, там справа вверху кнопка создать репозиторий, тапаю

Create a new repository Try the new experience

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (*).

Owner *

 YaNeeRobot ▾

Repository name *

/ MyFirstRepo

✔ MyFirstRepo is available.

Great repository names are short and memorable. Need inspiration? How about **symmetrical-octo-waddle** ?

Description (optional)

My First Repo



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:



Add a README file

This is where you can write a long description for your project. [Learn more about READMEs](#).

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. [Learn more about ignoring files](#).

Choose a license

License: None ▾

A license tells others what they can and can't do with your code. [Learn more about licenses](#).



You are creating a public repository in your personal account.

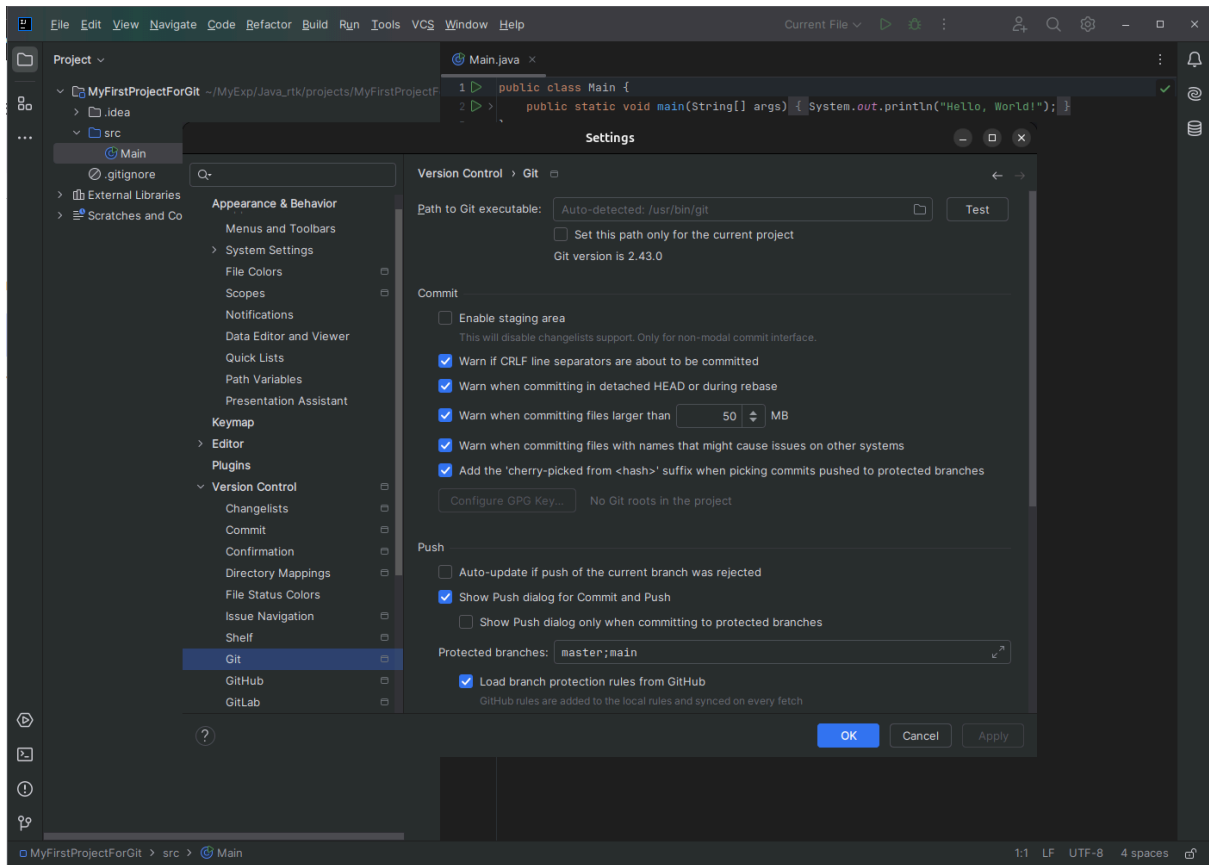
Create repository

ССЫЛКИ

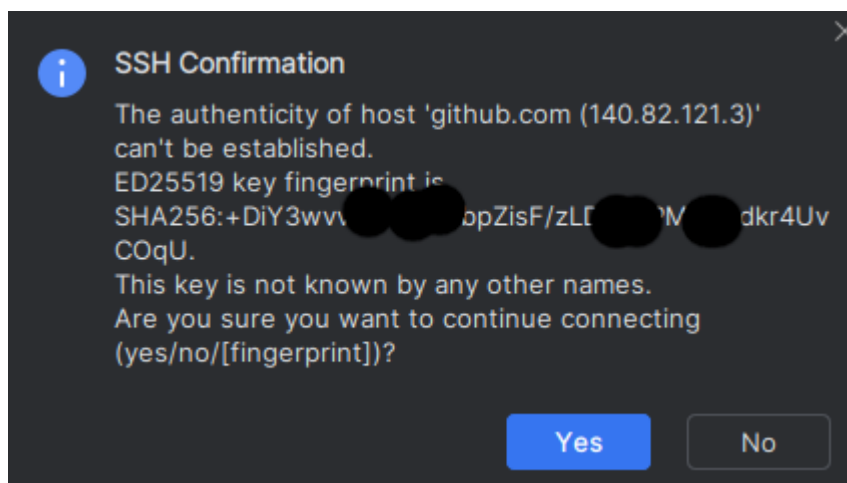
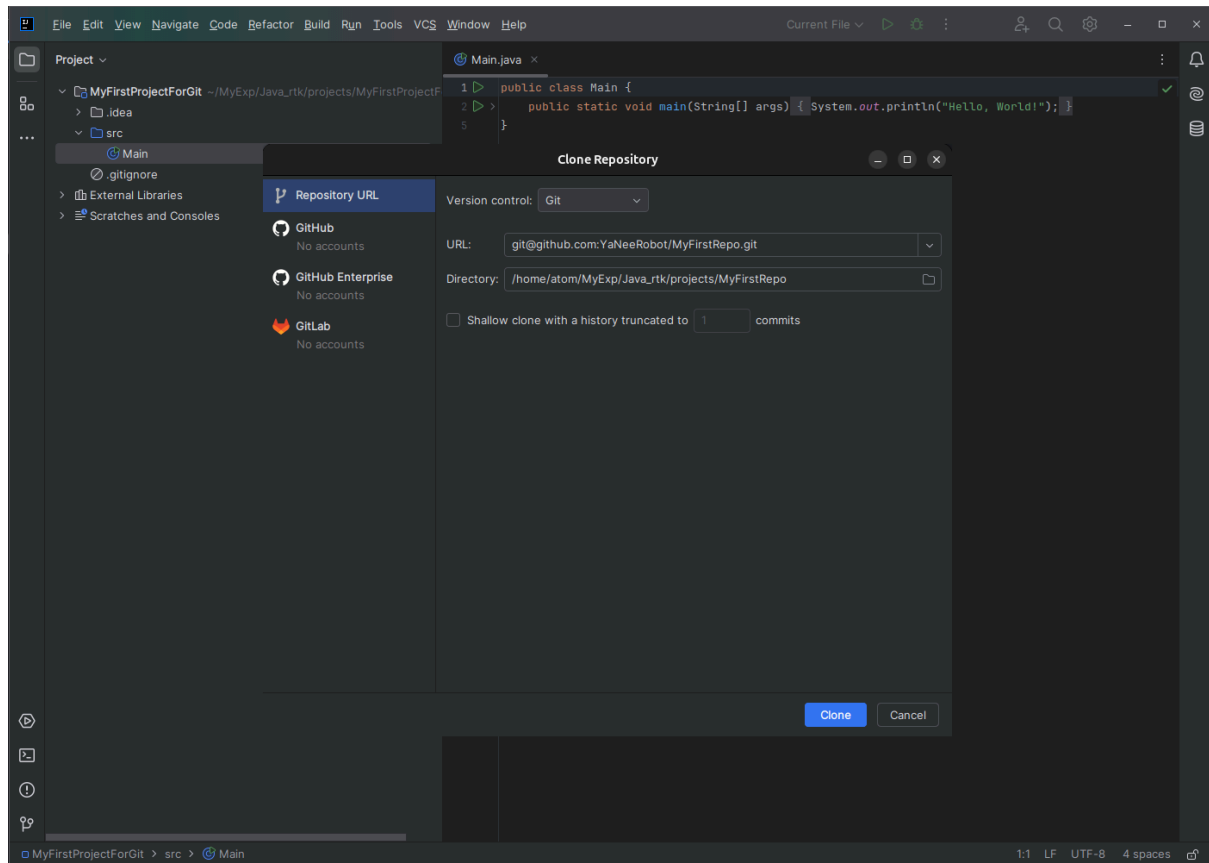
<https://github.com/YaNeeRobot/MyFirstRepo.git>

<git@github.com:YaNeeRobot/MyFirstRepo.git>

Далее создаю проект в IDEA, сохраняю отдельно, и настраиваю гит:



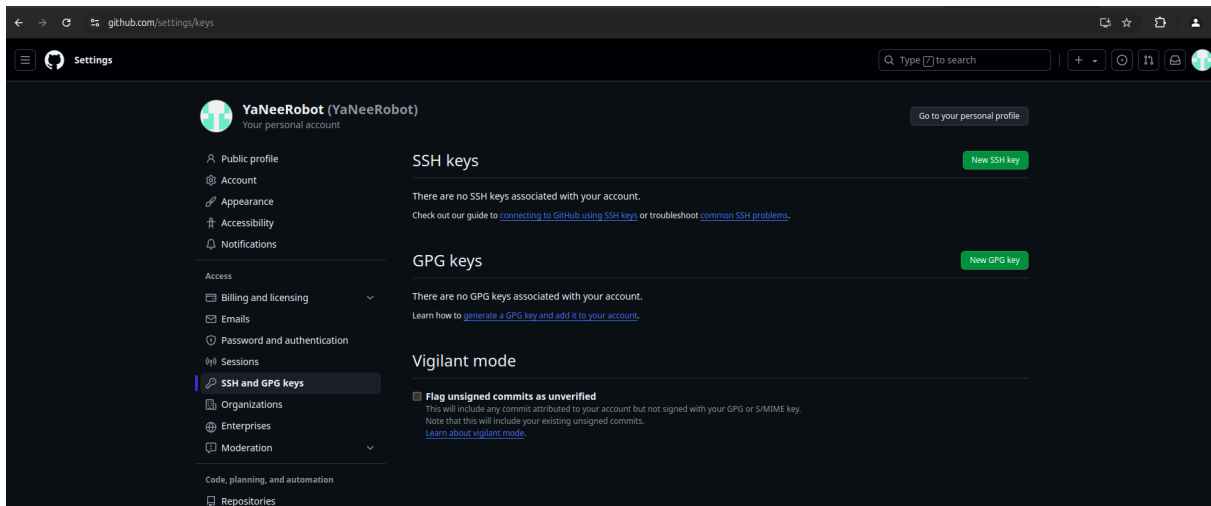
Т к репозиторий создан вначале, теперь необходимо клонировать его в проект



подтверждаю, далее настраиваем ssh ключ

```
atom@Atom-Pulse:~$ ssh-keygen -t ed25519 -C "theirbox@mail.ru"  
Generating public/private ed25519 key pair.  
Enter file in which to save the key (/home/atom/.ssh/id_ed25519):
```

создал публичный ключ, копирую и вставляю на гитхабе: нажимаем новый ssh key



Add new SSH Key

Title

PC

Key type

Authentication Key

Key

ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAID2/chY90zp7ZcPhxQfNyiNlcjIOO

Add SSH key

проверяем в консоли, видим что получилось

```
atom@Atom-Pulse:~$ ssh -T git@github.com
Hi YaNeeRobot! You've successfully authenticated, but GitHub does not provide shell access.
atom@Atom-Pulse:~$
```

Проверяем работоспособность

Коммит

Ctrl + K

Пуш

Ctrl + Shift + K

Пулл

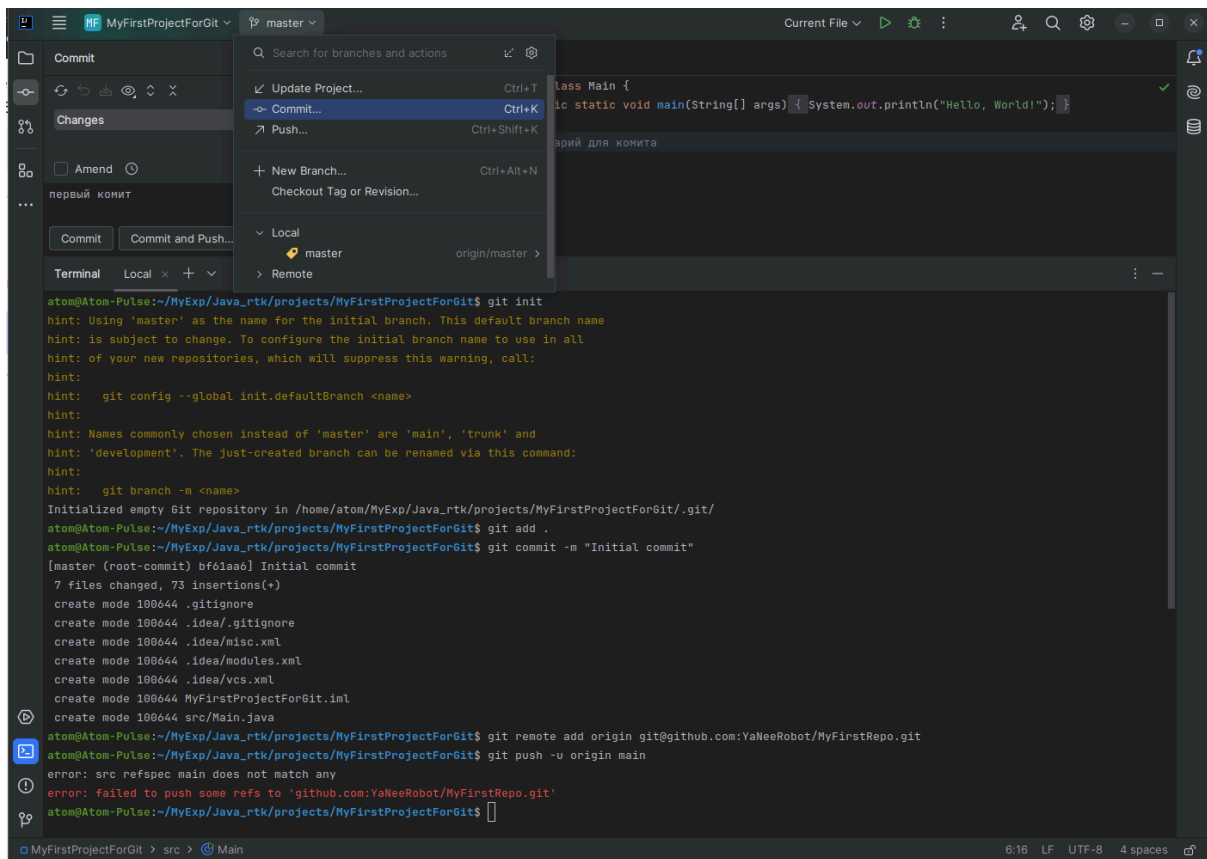
Ctrl + T

Просмотр изменений

Alt + 9 Откроется Git Tool Window

Ветки

Ctrl + '(апостроф)



The screenshot shows an IDE interface with the 'MyFirstProjectForGit' window. The 'Commit' tool window is open, displaying a list of changes and a 'Commit' button. The terminal window shows the following output:

```
atom@Atom-Pulse:~/MyExp/Java_rtk/projects/MyFirstProjectForGit$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/atom/MyExp/Java_rtk/projects/MyFirstProjectForGit/.git/
atom@Atom-Pulse:~/MyExp/Java_rtk/projects/MyFirstProjectForGit$ git add .
atom@Atom-Pulse:~/MyExp/Java_rtk/projects/MyFirstProjectForGit$ git commit -m "Initial commit"
[master (root-commit) bf61aa6] Initial commit
7 files changed, 73 insertions(+)
create mode 100644 .gitignore
create mode 100644 .idea/.gitignore
create mode 100644 .idea/misc.xml
create mode 100644 .idea/modules.xml
create mode 100644 .idea/vcs.xml
create mode 100644 MyFirstProjectForGit.iml
create mode 100644 src/Main.java
atom@Atom-Pulse:~/MyExp/Java_rtk/projects/MyFirstProjectForGit$ git remote add origin git@github.com:YaNeeRobot/MyFirstRepo.git
atom@Atom-Pulse:~/MyExp/Java_rtk/projects/MyFirstProjectForGit$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'github.com:YaNeeRobot/MyFirstRepo.git'
atom@Atom-Pulse:~/MyExp/Java_rtk/projects/MyFirstProjectForGit$
```

